

Work Order ID 58605

May 12, 2010 10:29:33 AM

Ship 26/05



Page 1

Item ID: D412-630-031

Accept



Setup Start



Revision ID:

Item Name: Pilot/Co-Pilot Step, LH (Folding)

Stop



Start Date: 12/05/2010 Start Qty: 6.00



Cust Item ID:

Required Date: 18/05/2010 Req'd Qty: 6.00



Customer:

Reference:

Approvals:

Process Plan:

[Signature]

Date: 10-5-12 Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

IIN D412-630

Rev M

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy D412-630 bluefile & type labels per PPP412-630-031 CHG003

[Signature] BG 10/05/27
E 8 10/05/28

110

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

Assemble as per dwg D412-630 p.17

****ensure tension to retract step is 11 to 18 lbs before installing lockwire.****

[Signature] 10/05/27 (6)

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

****ensure tension to retract step is 11 to 18 lbs ****

[Signature] 10/05/27

tb
-031

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 58605

May 12, 2010 10:29:33 AM



Page 2

Item ID: D412-630-031

Accept



Setup Start



Revision ID:

Stop



Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 12/05/2010 Start Qty: 6.00



Cust Item ID:

Required Date: 18/05/2010 Req'd Qty: 6.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

Pilot/Co-Pilot Step
(Signature)

140

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

8/10/12

46
LH
(Signature)

150

Packaging

0.00



Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-630-031

Location: _____

PPP Rev: _____ C

Pilot/Co-Pilot Step
(Signature)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 58605

May 12, 2010 10:29:33 AM



Page 3

Item ID: D412-630-031

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Setup Start



Revision ID:

Stop



Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 12/05/2010 Start Qty: 6.00



Cust Item ID:

Required Date: 18/05/2010 Req'd Qty: 6.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/05/28

CZ 10/5/28

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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May 12, 2010 10:29:37 AM

Page 1

Work Order ID: 58605

Parent Item: D412-630-031

Parent Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 12/05/2010

Required Date: 18/05/2010

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019,no chg EC verified by DD

Start Qty: 6.00

Required Qty: 6.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Qty	Date	Status
AN310-4		Purchased	No			130	Each	58.0000	1			

Location	Loc Qty	Loc Code
ST139	30	
114341	30	
ST314	8	
113845	8	
ST349	20	
114341	20	
AN310-5		
Purchased	No	
130	Each	39.0000
2		

Location	Loc Qty	Loc Code
ST314	39	
113845	39	
AN3C5A		
Purchased	No	
130	Each	529.0000
3		

Location	Loc Qty	Loc Code
ST350	325	
114330	125	
114523	200	
ST351	204	
113121	53	
114108	51	
114181	100	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

May 12, 2010 10:29:37 AM

Page 2

Work Order ID: 58605

Parent Item: D412-630-031

Parent Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 12/05/2010

Required Date: 18/05/2010

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019,no chg EC verified by DD

Start Qty: 6.00

Required Qty: 6.00

Component Item ID/	Replacement	Mfg/ Purchased	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Qty	Date	Status
AN44-C12 eyebolt		Purchased	No			130	Each	12.0000	1			
<div> <div>Location</div> <div>ST356</div> <div>111888</div> </div> <div> <div>Loc Qty</div> <div>12</div> <div>12</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> </div>												
AN4C15 BOLT		Purchased	No			130	Each	26.0000	1			
<div> <div>Location</div> <div>ST358</div> <div>113618</div> <div>113908</div> </div> <div> <div>Loc Qty</div> <div>26</div> <div>6</div> <div>20</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> <div></div> </div>												
AN5C11 BOLT		Purchased	No			130	Each	32.0000	1			
<div> <div>Location</div> <div>ST337</div> <div>111279</div> <div>113422</div> <div>113950</div> </div> <div> <div>Loc Qty</div> <div>32</div> <div>8</div> <div>12</div> <div>12</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> <div></div> <div></div> </div>												
AN5C15 BOLT		Purchased	No			130	Each	8.0000	1			
<div> <div>Location</div> <div>ST339</div> <div>110552</div> </div> <div> <div>Loc Qty</div> <div>8</div> <div>8</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> </div>												

May 12, 2010 10:29:37 AM

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Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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May 12, 2010 10:29:37 AM

Page 3

Work Order ID: 58605

Parent Item: D412-630-031

Parent Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 12/05/2010

Required Date: 18/05/2010

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019,no chg EC verified by DD

Start Qty: 6.00

Required Qty: 6.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Qty	Date	Status
AN960C10		Purchased	No			130	Each	0.0000	7			
WASHER												
AN960C516		Purchased	No			130	Each	180.0000	1			
WASHER												

Location	Loc Qty	Loc Code
ST347	180	
102842	80	
112532	100	

D3454-1		Manufactured	No			130	Each	7.0000	1			
Bushing												

Location	Loc Qty	Loc Code
ST058	7	
53745	7	

D3454-3		Manufactured	No			130	Each	68.0000	2			
Bushing												

Location	Loc Qty	Loc Code
ST058	68	
56420	68	

D3454-5		Manufactured	No			130	Each	30.0000	2			
Bushing												

Location	Loc Qty	Loc Code
ST058	30	
56046	30	

May 12, 2010 10:29:37 AM

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Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

May 12, 2010 10:29:37 AM

Page 4

Work Order ID: 58605

Parent Item: D412-630-031

Parent Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 12/05/2010




Required Date: 18/05/2010

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019,no chg EC verified by DD




Start Qty: 6.00

Required Qty: 6.00



Pr →

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Qty	Date	Status	
D3455-1		Manufactured	No			130	Each	51.0000	2	-			
													
Spacer													
											58558	12	



Location	Loc Qty	Loc Code
ST058	51	
55807	11	
56525	40	

D3455-3	82	Manufactured	No	130	Each	27.0000	2		
									
Spacer									

Location	Loc Qty	Loc Code
ST058	27	
56047	27	

D3462-041	Manufactured	No	130	Each	4.0000	1
						
Bracket Assembly						5-8703 34

Location	Loc Qty	Loc Code
ST198A	4	
56063	4	

MS21043-3		Purchased	No	130	Each	3,673.000	3	
								
Nut								

Location	Loc Qty	Loc Code
FG	80	
103691	80	
ST301	3593	
112314	3593	

17112314

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Page 4

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W/O: 58605		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10/5/07	#100	Per. done incorrect qty should be x4	<i>[Signature]</i>	10.05.28			S 10/5/07

Part No: D412-630-031 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

May 12, 2010 10:29:38 AM

Page 5

Work Order ID: 58605

Parent Item: D412-630-031

Parent Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 12/05/2010

Required Date: 18/05/2010

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019,no chg EC verified by DD

Start Qty: 6.00

Required Qty: 6.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Qty	Date	Status
MS24665-227 <i>x1</i>		Purchased	No			130	Each	96.0000	1			
COTTER PIN												

Location Loc Qty Loc Code

ST309 96
113845 96

MS24665-229 <i>x2</i>	Purchased	No				130	Each	209.0000	2			
COTTER PIN												

Location Loc Qty Loc Code

ST309 209
111041 209

NAS1515H5 <i>x1</i>	Purchased	No				130	Each	261.0000	1			
Washer												

Location Loc Qty Loc Code

FG 44
103286 17
103691 27
ST277 217
109430 217

D3463-041	Manufactured	No				110	Each	3.0000	1			
Step Weldment Assembly												

Location Loc Qty Loc Code

ST494 3
55813 3

55813 3x
B56064 3x
ES 4/05/27

May 12, 2010 10:29:38 AM

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Page 5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

May 12, 2010 10:29:38 AM

Page 6

Work Order ID: 58605

Parent Item: D412-630-031

Parent Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 12/05/2010

Required Date: 18/05/2010

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019,no chg EC verified by DD

Start Qty: 6.00

Required Qty: 6.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Qty	Date	Status
D3443-043		Manufactured	No			110	Each	0.0000	1	B 58554	SB 10/05/26	
Strut Weldment Assembly												
D3443-041	on	Manufactured	No			110	Each	0.0000	1	B 58553	SB 10/05/26	
Strut Weldment Assembly										55810 1x		
D3443-9		Manufactured	No			110	Each	18.0000	2	✓		
Pin												
<div><div><div>Location</div><div>ST056</div><div>56298</div><div>56561</div></div><div><div>Loc Qty</div><div>18</div><div>6</div><div>12</div></div><div><div>Loc Code</div><div></div><div></div><div></div></div></div>												
D3454-7		Manufactured	No			110	Each	20.0000	2	56298 6x 56561 6x		
Bushing												
<div><div><div>Location</div><div>ST058</div><div>55608</div></div><div><div>Loc Qty</div><div>20</div><div>20</div></div><div><div>Loc Code</div><div></div><div></div></div></div>												
D3455-1		Manufactured	No			110	Each	51.0000	2	55608		
Spacer												
<div><div><div>Location</div><div>ST058</div><div>55807</div><div>56525</div></div><div><div>Loc Qty</div><div>51</div><div>11</div><div>40</div></div><div><div>Loc Code</div><div></div><div></div><div></div></div></div>												

May 12, 2010 10:29:38 AM

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Page 6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

May, 12, 2010 10:29:38 AM

[illegible]

Required Date: 18/05/2010

Comments:	IPP REV. A	05.11.21	NEW ISSUE	EC
	IPP REV. B	05.12.19	updated pick list	EC
	IPP REV. C	07.11.12	ecn 1019,no chg	EC verified by DD

Start Qty: 6.00

Required Qty: 6.00

[illegible]

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

May 12, 2010 10:29:38 AM

Page 8

Work Order ID: 58605



Parent Item: D412-630-031



Parent Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 12/05/2010

Required Date: 18/05/2010

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
 IPP REV. B 05.12.19 updated pick list EC
 IPP REV. C 07.11.12 ecn 1019,no chg EC verified by DD

Start Qty: 6.00

Required Qty: 6.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Qty	Date	Status
AN310-7		Purchased	No			110	Each	19.0000	1			
NUT												

Location Loc Qty Loc Code

ST324 19
 111916 19

MS24665-227	Purchased	No			110	Each	96.0000	1				
COTTER PIN												

Location Loc Qty Loc Code

ST309 96
 113845 96

MS24665-302	Purchased	No			110	Each	83.0000	1				
Cotter Pin												

Location Loc Qty Loc Code

ST309 83
 113644 83

May 12, 2010 10:29:38 AM

Shop Packet Print

Page 8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

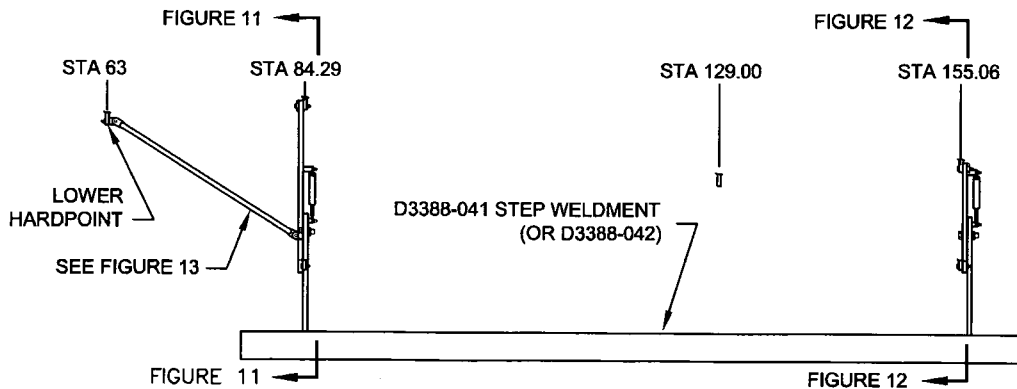
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

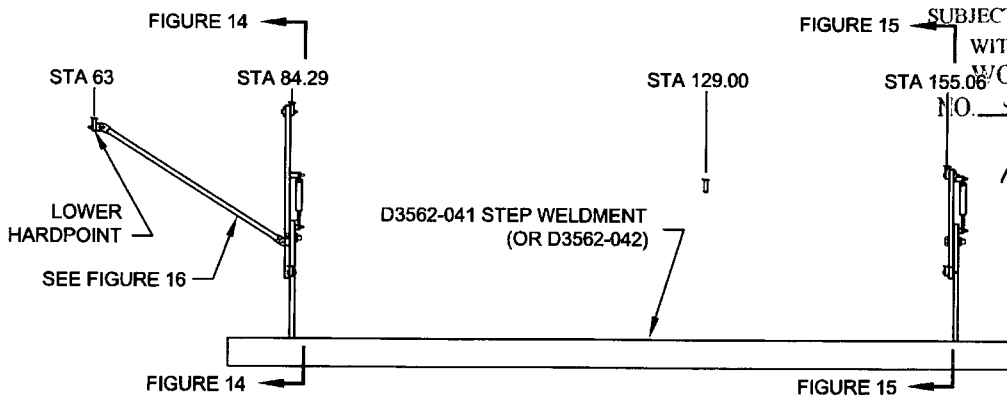
NOTE: Date & initial all entries

D412-630-023 HELI-ACCESS-STEP™ LH, FOLDING (SHOWN)
D412-630-024 HELI-ACCESS-STEP™ RH, FOLDING (OPPOSITE)



SHOP COPY
 RETURN TO
 ENGINEERING

D412-630-033 HELI-ACCESS-STEP™ LH, FOLDING (SHOWN)
D412-630-034 HELI-ACCESS-STEP™ RH, FOLDING (OPPOSITE)



UNCONTROLLED COPY

SUBJECT TO AMENDMENT
 WITHOUT NOTICE
 WORK ORDER

NO. 58605
 13/10-5-12

D412-630-111 HELI-ACCESS-STEP™ LH, HEAVY DUTY FIXED (SHOWN)
D412-630-112 HELI-ACCESS-STEP™ RH, HEAVY DUTY FIXED (OPPOSITE)

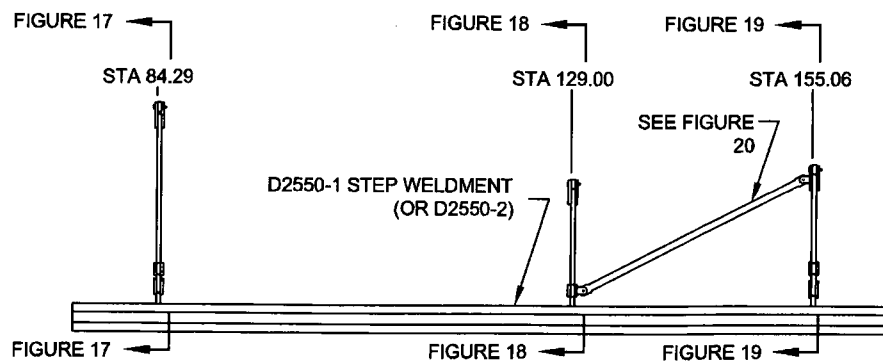


FIGURE 3 – D412-630 Heli-Access-Step™ Installations

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Revision: **M**
 Date: 08.12.12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

58605

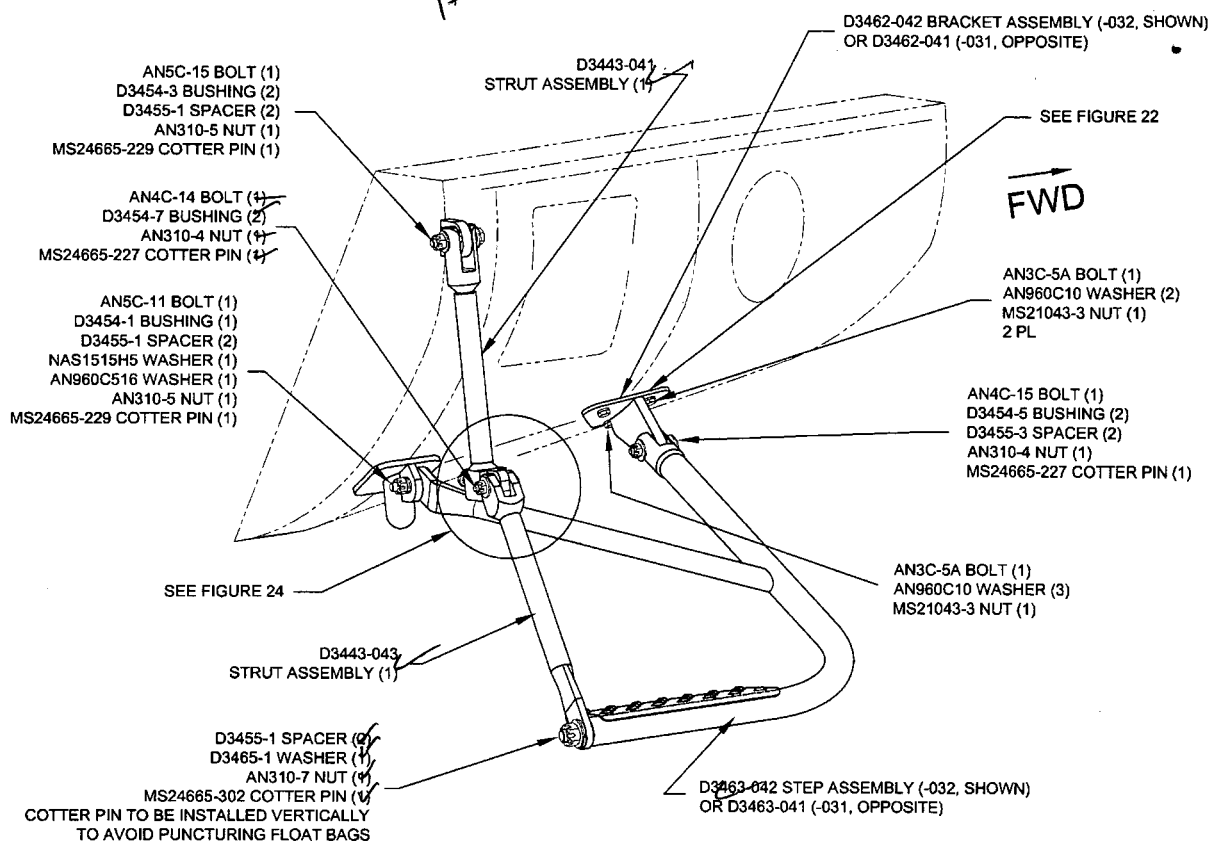


FIGURE 23 – Isometric View D412-630-032 RH, Pilot/Co-Pilot Folding-Step Installation (Shown)
D412-630-031 LH (Opposite)

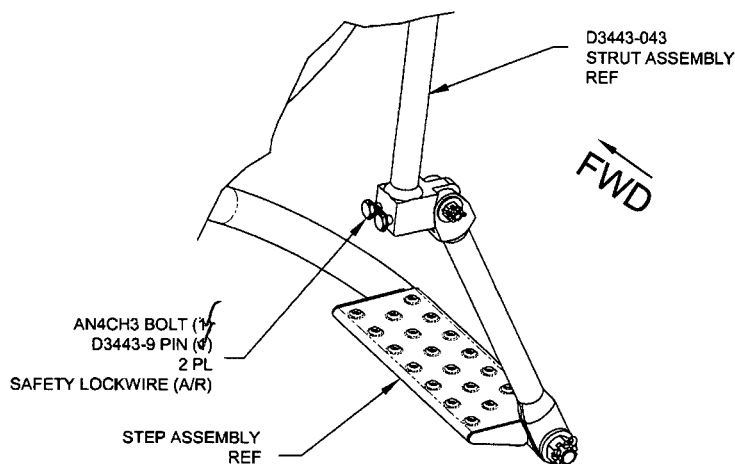


FIGURE 24 – Detail Safety Wiring, D412-630-032 RH, Pilot/Co-Pilot Folding-Step Installation (Shown)
D412-630-031 LH (Opposite)

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Revision: M
Date: 08.12.12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFERENCE ONLY

DART AEROSPACE LTD.

D412-630
Page 24 of 26

Qty -031	Qty -032	Part Number	Description
X		D412-630-031	PILOT/CO-PILOT STEP, LH (FOLDING)
	X	D412-630-032	PILOT/CO-PILOT STEP, RH (FOLDING)
1	1	D3443-041	STRUT ASSEMBLY
1	1	D3443-043	STRUT ASSEMBLY
2	2	D3443-9	PIN
1	1	D3454-1	BUSHING
2	2	D3454-3	BUSHING
2	2	D3454-5	BUSHING
2	2	D3454-7	BUSHING
6	6	D3455-1	SPACER -2
2	2	D3455-3	SPACER
1		D3462-041	BRACKET ASSEMBLY
	1	D3462-042	BRACKET ASSEMBLY
1		D3463-041	STEP ASSEMBLY
	1	D3463-042	STEP ASSEMBLY
1	1	D3465-1	WASHER
2	2	AN310-4	NUT -1
2	2	AN310-5	NUT
1	1	AN310-7	NUT
3	3	AN3C-5A	BOLT
1	1	AN44-C12	* EYEBOLT
1	1	AN4C14	BOLT
1	1	AN4C15	BOLT
2	2	AN4CH3	BOLT
1	1	AN5C11	BOLT
1	1	AN5C15	BOLT
7	7	AN960C10	WASHER
1	1	AN960C516	WASHER
3	3	MS21043-3	NUT
2	2	MS24665-227	COTTER PIN -1
2	2	MS24665-229	COTTER PIN
1	1	MS24665-302	COTTER PIN
1	1	NAS1515H5	WASHER

* USE AN44-C12 EYEBOLT WHEN D412-630-031/-032 IS INSTALLED IN CONJUNCTION WITH D412-630-023/-024/-033/-034™ HELI-ACCESS-STEP

W/O:		WORK ORDER CHANGES					
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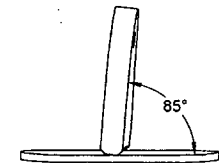
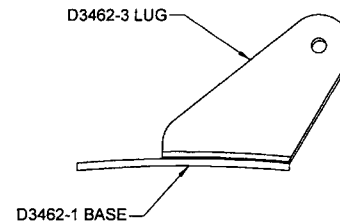
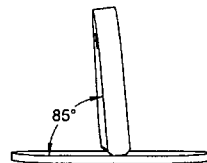
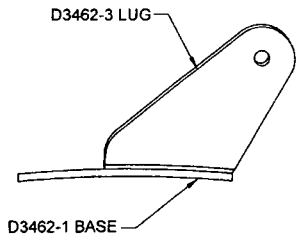
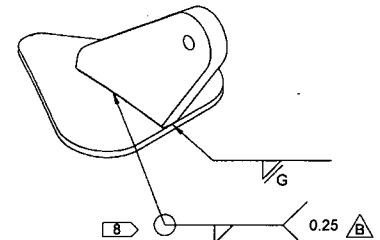
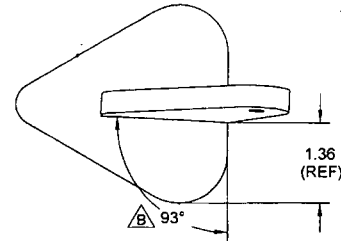
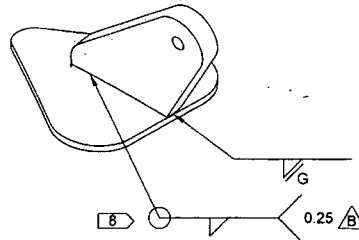
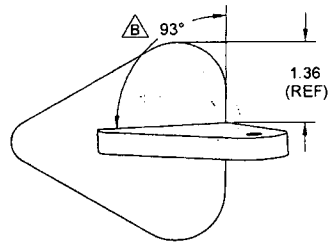
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

REFERENCE ONLY



D3462-041 BRACKET ASSEMBLY

D3462-042 BRACKET ASSEMBLY

QTY -041	QTY -042	P/N	DESCRIPTION
X		D3462-041	BRACKET ASSEMBLY
	X	D3462-042	BRACKET ASSEMBLY
1	1	D3462-1	BASE
1	1	D3462-3	LUG

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3462-041" OR "D3462-042" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.75 lbs (TYP)
- 8) WELDING: PER DART QSI 004

C	SHOW VIEWS OF D3462-041 & D3462-042, UPDATE DWG REASON: PRODUCTION FACILITY	DC	07.10.24
B	REVISE DIMENSIONS	RF	05.12.05
A	NEW ISSUE	RF	05.09.20
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D3462 TITLE BRACKET ASSEMBLY REV. C SHEET 1 OF 2 SCALE 1:2 COPYRIGHT © 2005 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	
DRAWN	V.P. DC.		
CHECKED	RF		
MFG. APPR.	RF		
APPROVED	RF		
DE APPR.	RF		
DATE	07.10.24		

W/O:		WORK ORDER CHANGES					
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